EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Nathan Cass (Reg. No. 18,931) on 7/30/08.

In the claims:

Claim 101;

- line 12, insert after "partitions" --, wherein said establishing communication between said first and second applications includes:

creating a data structure in said shared memory region comprising a plurality of data segments for use in sending a message from said first application to said second application, wherein the data structure comprises:

a plurality of data segments, each of the plurality of data segments for storing network message data to be sent from a sending shared memory service provider to a receiving shared memory service provider;

a control segment for controlling reading and writing of data in the plurality of data segments, the control, segment comprising:

a first portion comprising:

a first field for storing an indication of the data segment containing the most recently written network message data; and

a second field for storing an indication of the data segment containing the earliest written, but not read, network message data; and

a plurality of second portions, each Second portion corresponding to one of the plurality of data segments for control of the data segment, each second portion comprising:

a first field for storing an indication of the beginning of network message data within the data segment; and

a second field for storing an indication of the end of network message data within the data segment;

-    Line 20, insert after "network" --, wherein said emulated network connection requested by said first application comprises a network socket connection, and wherein the step of establishing a connection through the shared memory region comprises establishing a connection through the shared memory region that emulates a network socket connection --;

Claim 102 - cancel;

Claim 103 - cancel;

Claim 109;

- line 1, replace "claim 102" with – claim 101 --;

Claim 112;

- line 12, insert after "partitions" --, wherein said establishing communication

     between said first and second applications includes:

     creating a data structure in said shared memory region comprising a plurality of

data segments for use in sending a message from said first application to said second

application, wherein the data structure comprises:

     a plurality of data segments, each of the plurality of data segments for storing

network message data to be sent from a sending shared memory service provider to a

receiving shared memory service provider;

     a control segment for controlling reading and writing of data in the plurality of

data segments, the control, segment comprising:

     a first portion comprising:

     a first field for storing an indication of the data segment containing the most

recently written network message data; and

     a second field for storing an indication of the data segment containing the earliest

written, but not read, network message data; and

     a plurality of second portions, each Second portion corresponding to one of the

plurality of data segments for control of the data segment, each second portion

comprising:

a first field for storing an indication of the beginning of network message data

within the data segment; and

a second field for storing an indication of the end of network message data within

the data segment;

- Line 19, insert after "network" --, wherein said emulated network connection

  requested by said first application comprises a network socket connection, and

  wherein the step of establishing a connection through the shared memory region

  comprises establishing a connection through the shared memory region that

  emulates a network socket connection --;

Claim 113 - cancel;

Claim 114 - cancel;

Claim 115;

- line 1, replace "claim 113" with -- claim 112 --;

Claim 123;

- line 2, replace "processing modules, groups of one or more processing modules"

  with – processors, said plurality of processors --;

- line 9, replace "a main memory to which each processing modules is connected, the main memory" with – a memory connected to each of the plurality of processors, said memory --;

- line 12, insert before "program" – means for providing for a --;

- line 21, insert after "network;" -- wherein said emulated network connection requested by one of said first application and said second application comprises a network socket connection, and wherein the step of establishing a connection through the shared memory region comprises establishing a connection through the shared memory region that emulates a network socket connection --;

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E. Anya whose telephone number is 571-272-3757. The examiner can normally be reached on 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Meng-Ai An/   cea
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